



Patent  
Attorney's Docket No. 040071-245

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )

Johan NILSSON et al. )

Application No.: 09/996,513 )

Filed: November 28, 2001 )

For: Methods and Apparatus for Channel )  
Estimation Using Plural Channels )

Group Art Unit: 2631

Examiner: Unassigned

Confirmation No.: 3520

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Technology Center 2600

**SECOND INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

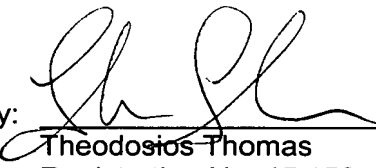
Enclosed is a copy of an International Search Report prepared in the corresponding International application. The documents cited in the report were included in the Information Disclosure Statement filed July 23, 2002, and are therefore not enclosed.

The document is being submitted within three months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore under 37 C.F.R. § 1.97(b), no fee or statement is required.

It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
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Date: March 21, 2003



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Patent #6

03-27-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Johan NILSSON et al.

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Title: Methods and Apparatus for Channel Estimation Using Plural Channels

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SECOND  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is a **SECOND** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By

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